

Item Number	FR106
Item	Fructose, Granular, USP
CAS Number	57-48-7
Molecular Formula	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight	180.16
MDL Number	
Synonyms	D-Fructose ; Levulose ; Fruit Sugar

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0 %
COLOR OF SOLUTION	NO MORE COLOR THAN STANDARD	
ACIDITY		0.50 ml
LOSS ON DRYING		0.5 %
RESIDUE AFTER IGNITION		0.5 %
CHLORIDE (Cl)		0.018 %
SULFATE		0.025 %
ARSENIC (As)		1 ug/g
CALCIUM AND MAGNESIUM (AS Ca)		0.005 %
ELEMENTAL IMPURITIES	AS REPORTED	
HYDROXYMETHYLFURFURAL	NO CHERRY-RED COLOR DEVELOPS	
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

**Spectrum Chemical Mfg Corp**

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